

FIG. 1 is a block diagram of a system 100.

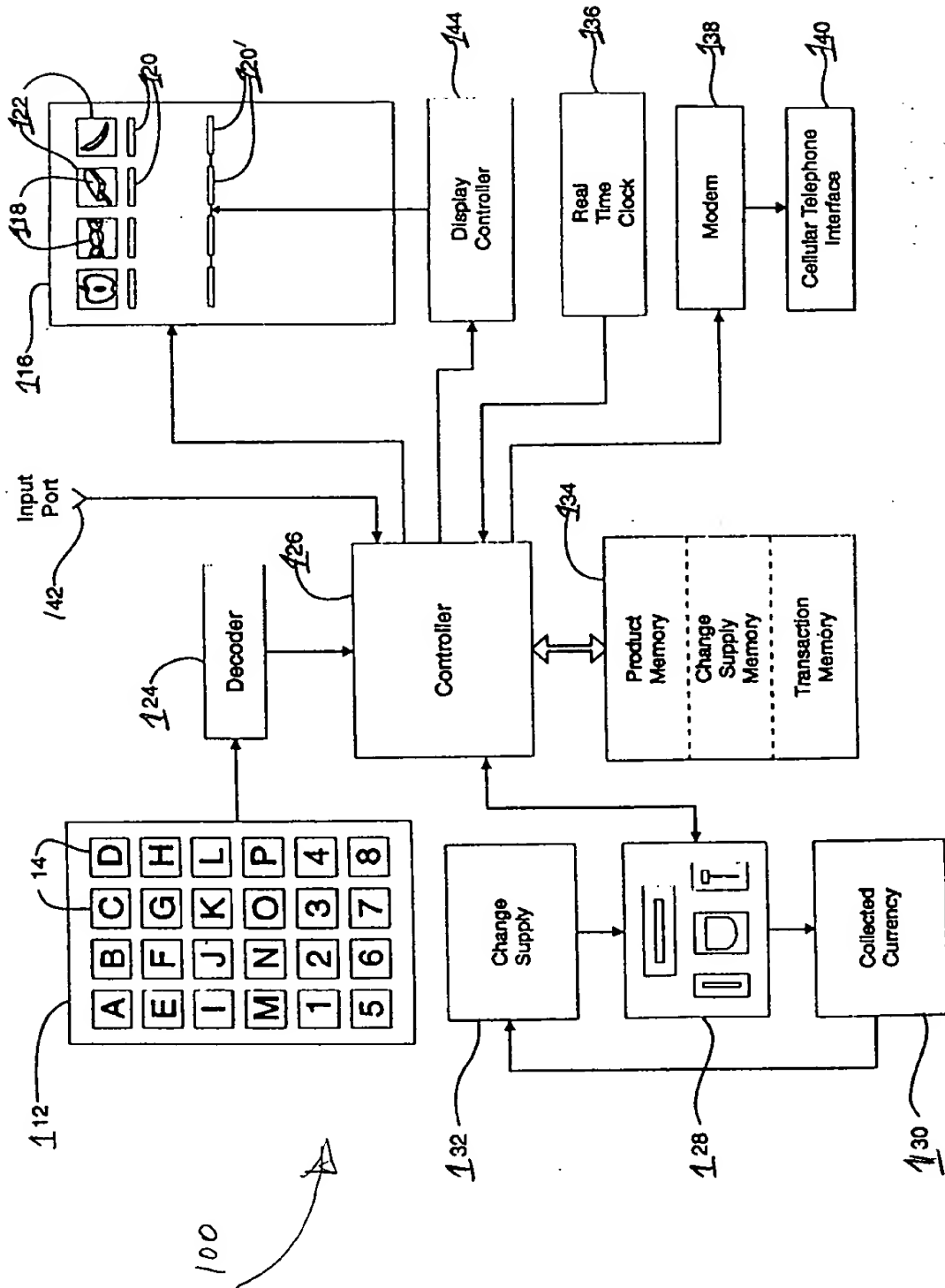


FIG. 1
PRIOR ART

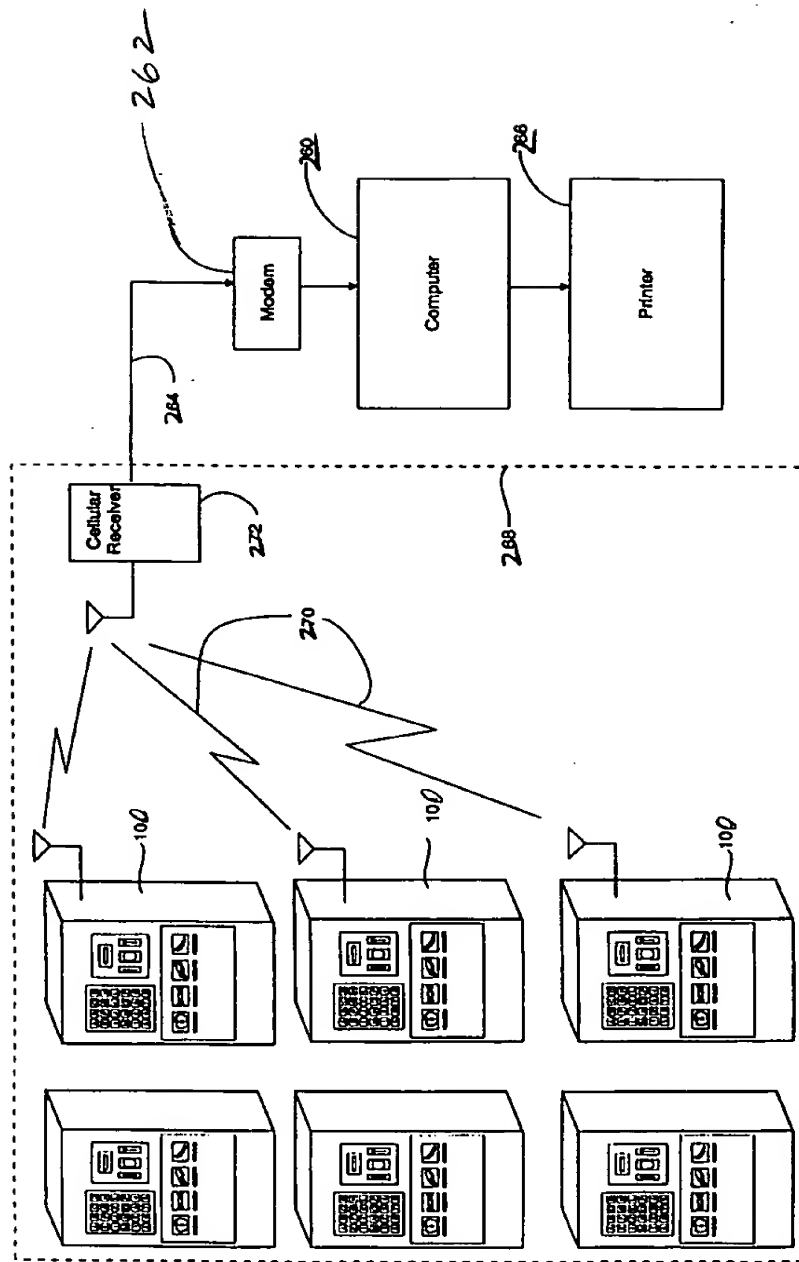


Fig. 2
PRIOR ART

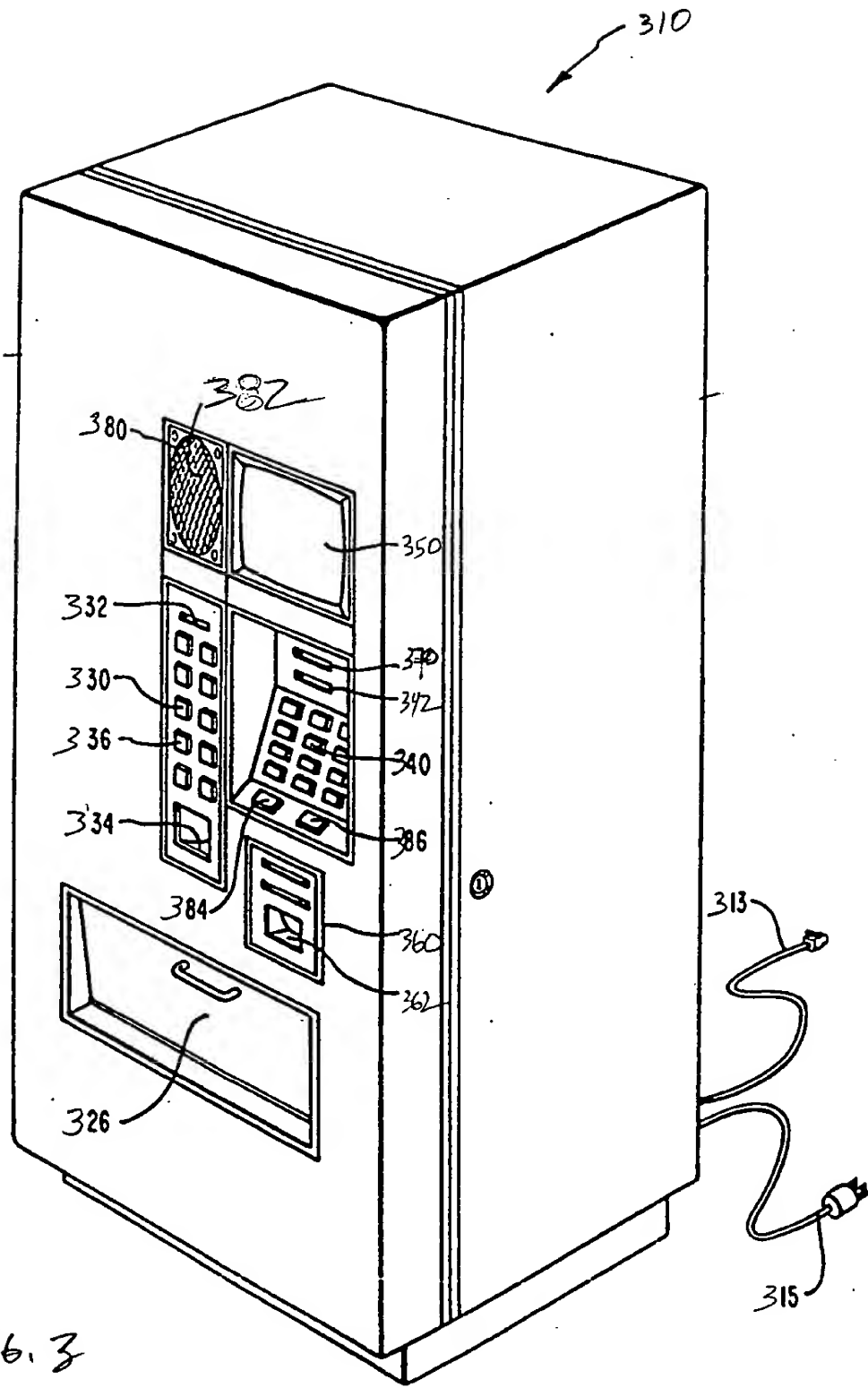


FIG. 3
PRIOR ART

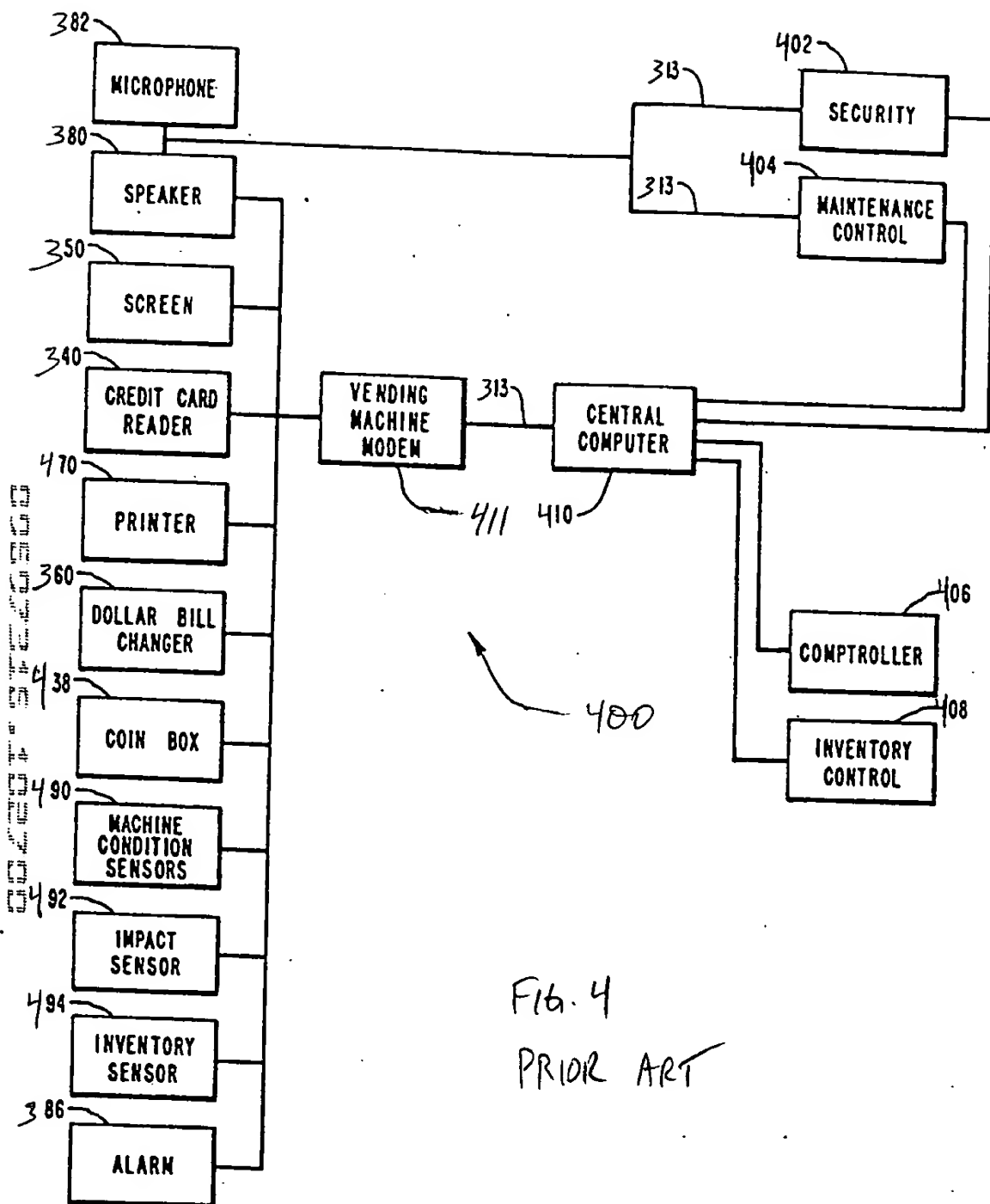


FIG. 4

PRIOR ART

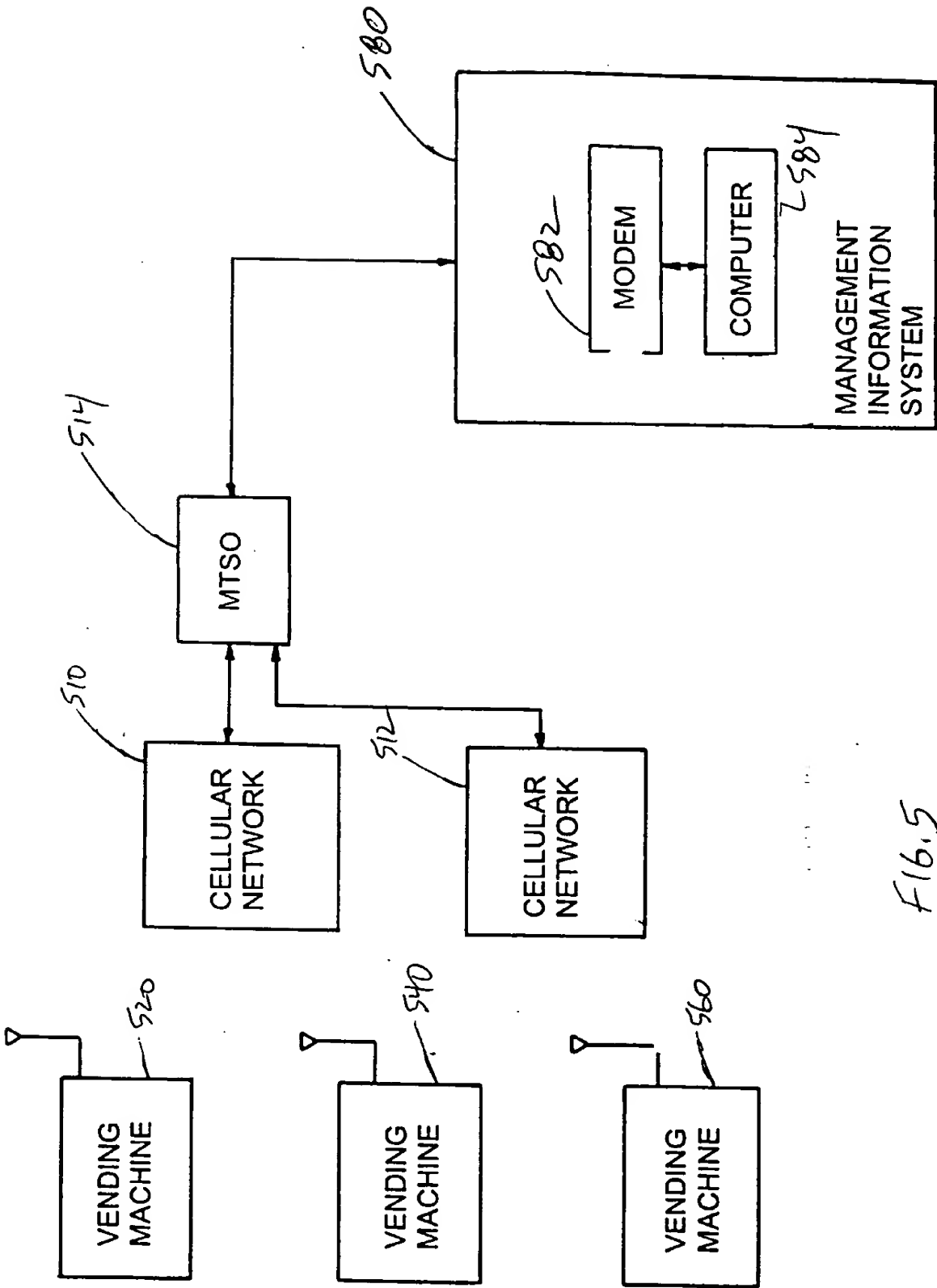
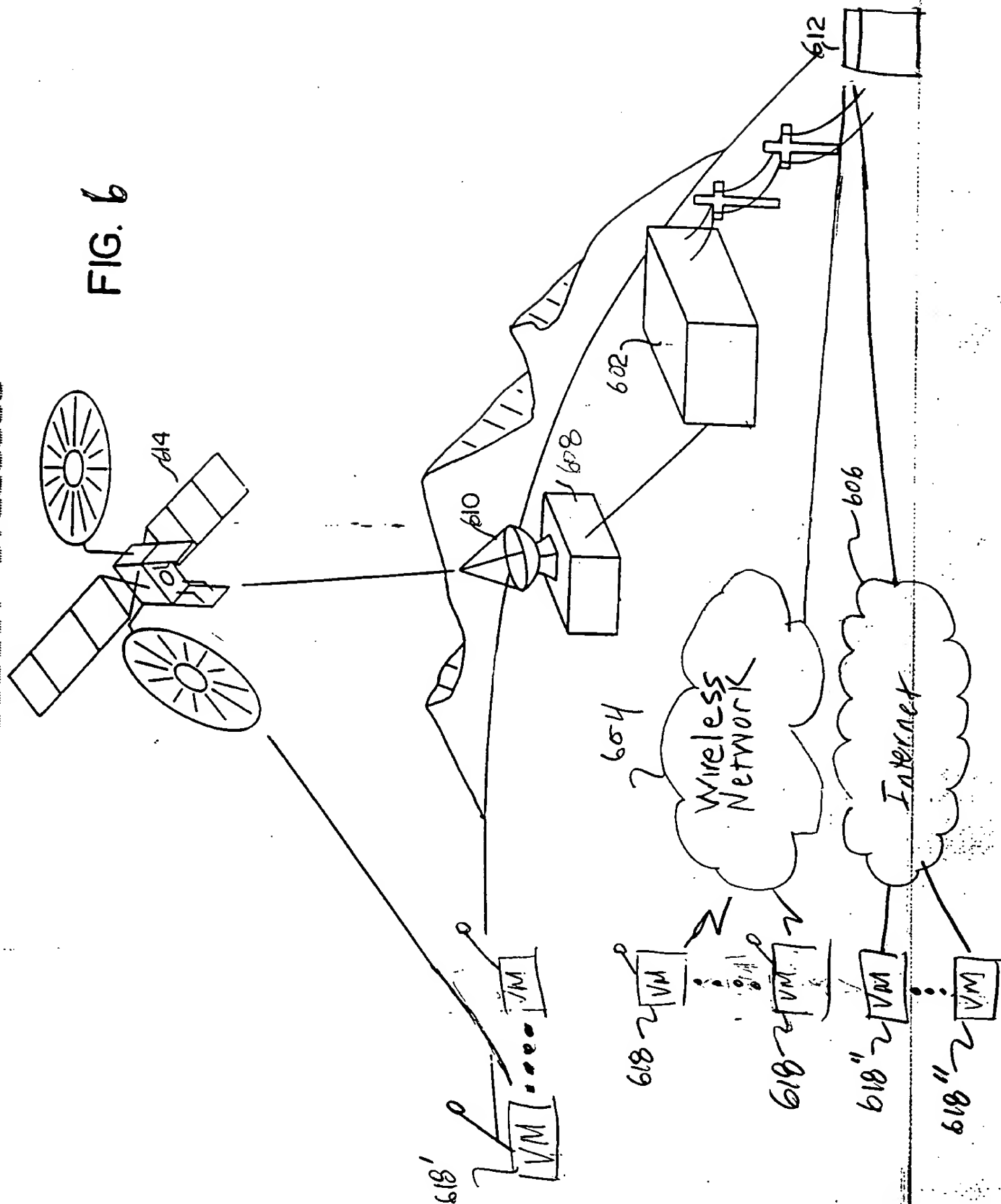
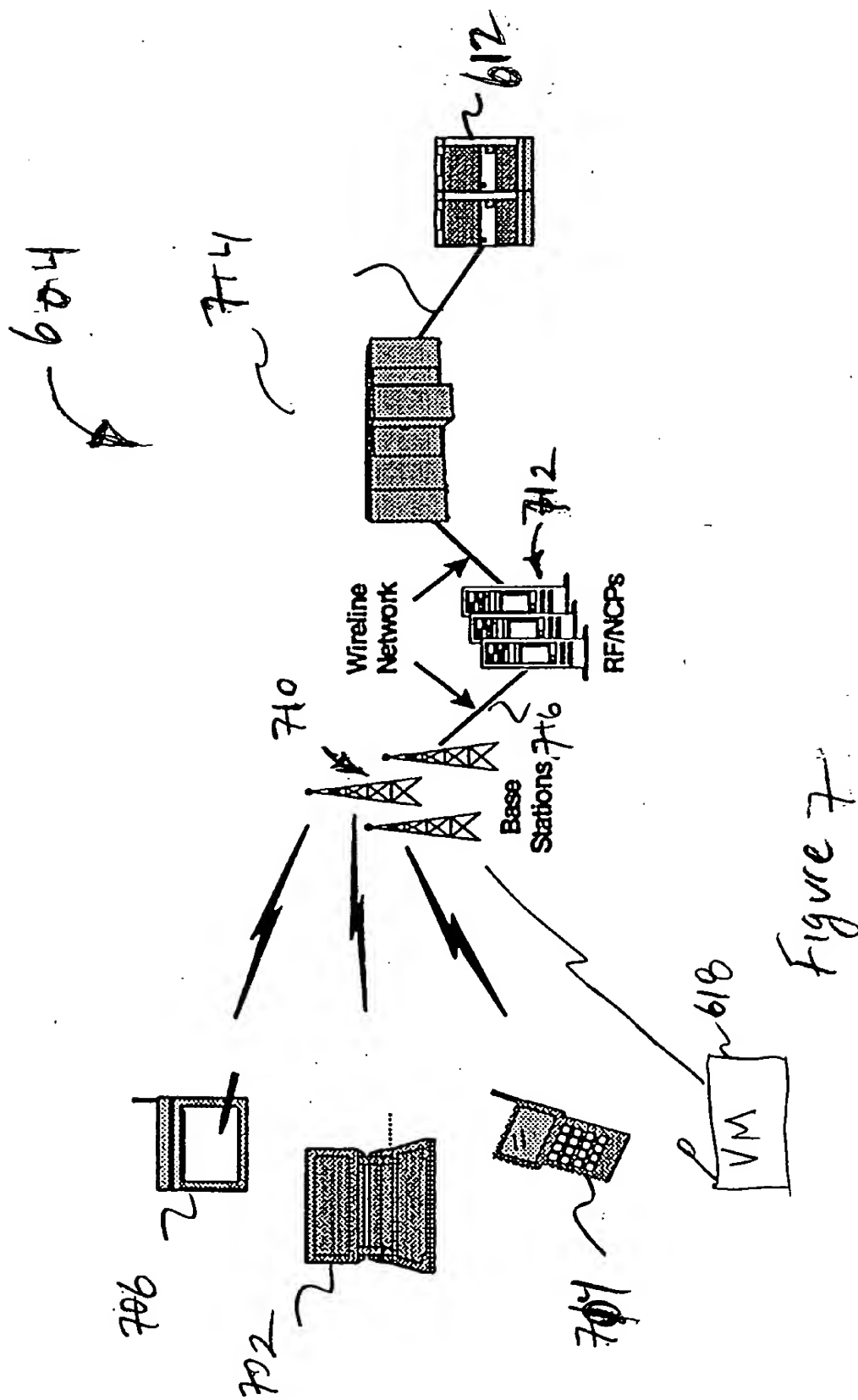


Fig. 16.5
PRIOR ART

FIG. 6



$\frac{1}{\sqrt{2}} \begin{pmatrix} 1 & i \\ 0 & 1 \end{pmatrix}$ $\frac{1}{\sqrt{2}} \begin{pmatrix} 1 & -i \\ 0 & 1 \end{pmatrix}$ $\frac{1}{\sqrt{2}} \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix}$ $\frac{1}{\sqrt{2}} \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix}$



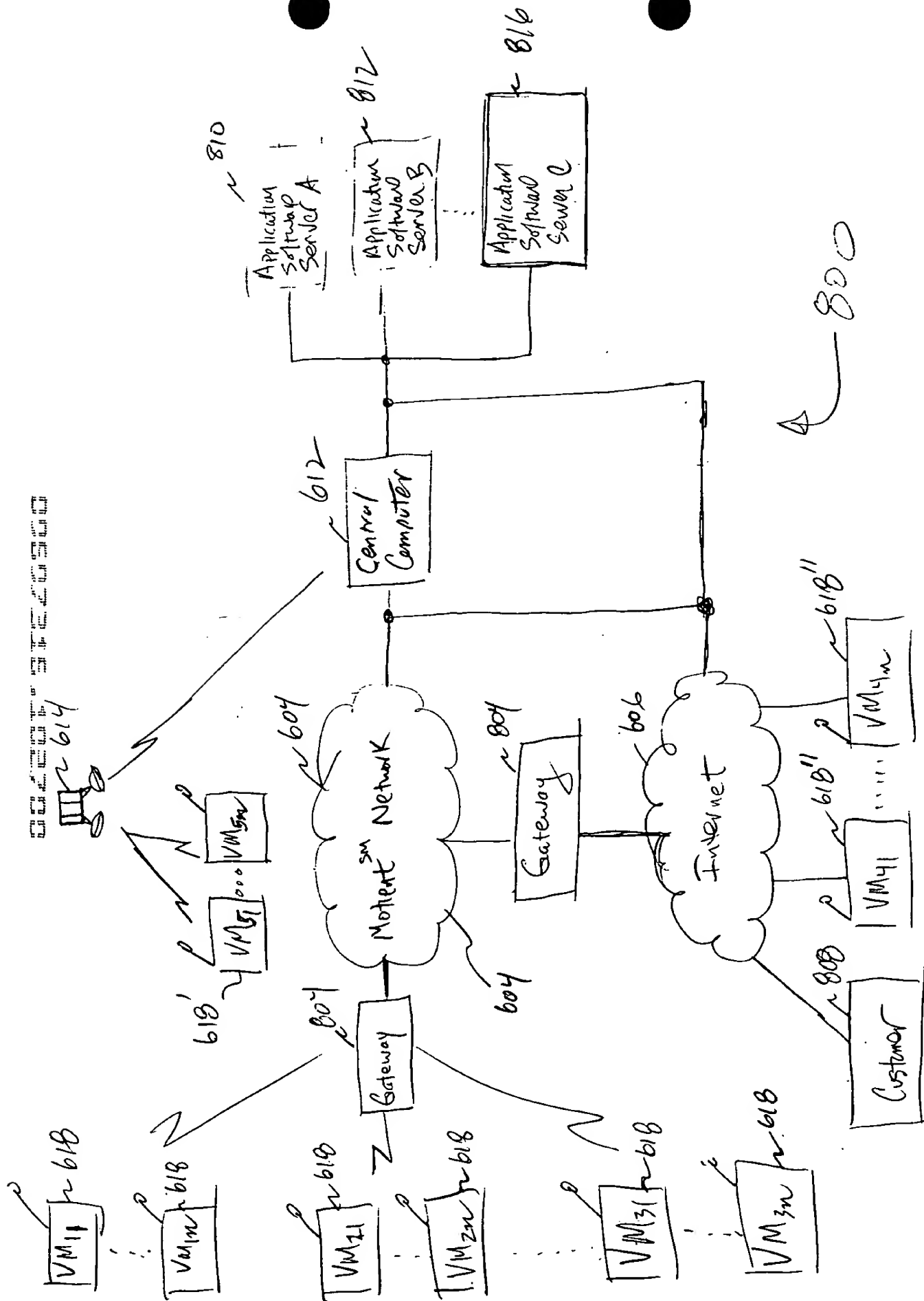


Fig 8

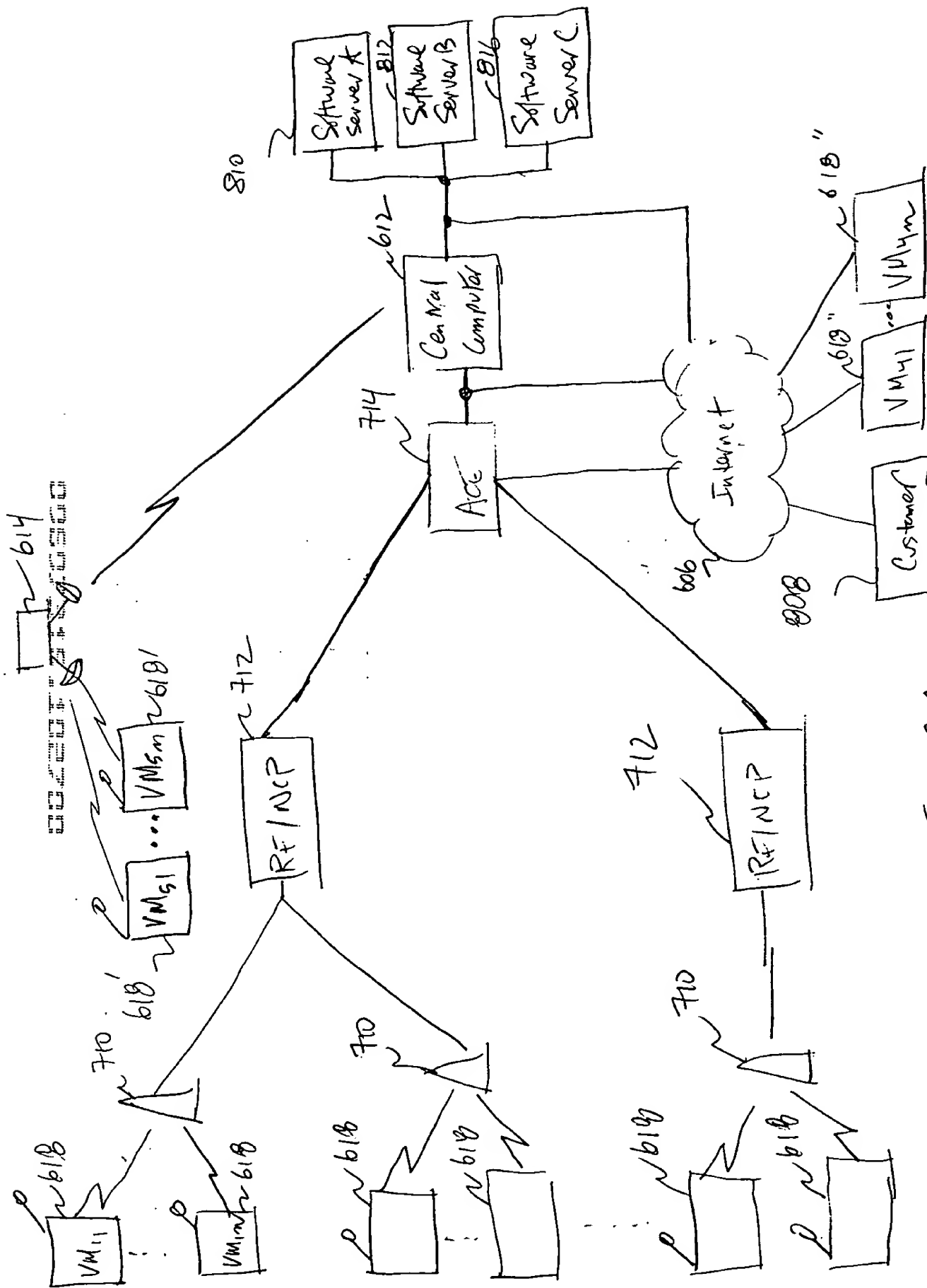


FIG. 9A

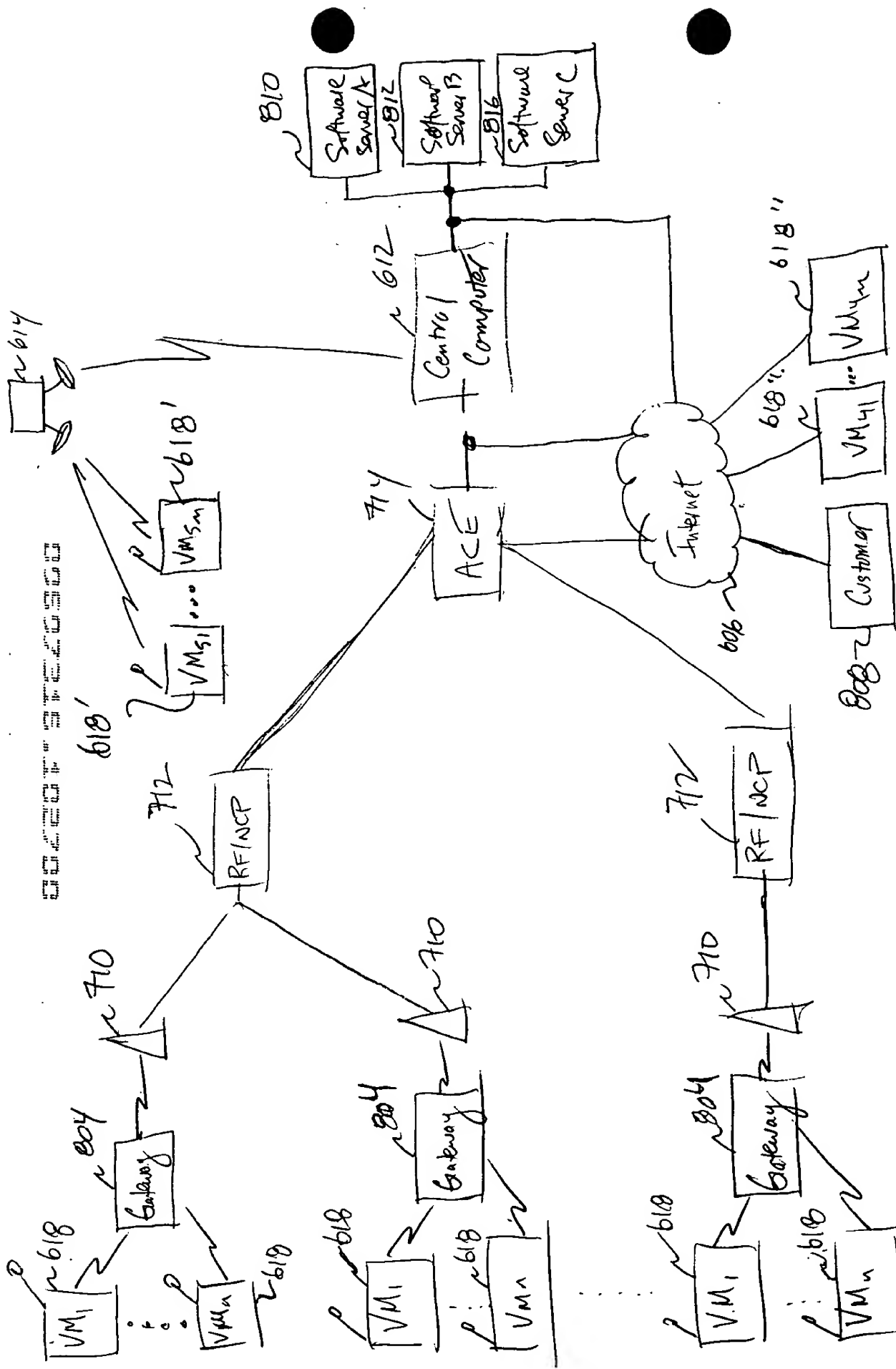


FIG. 9B

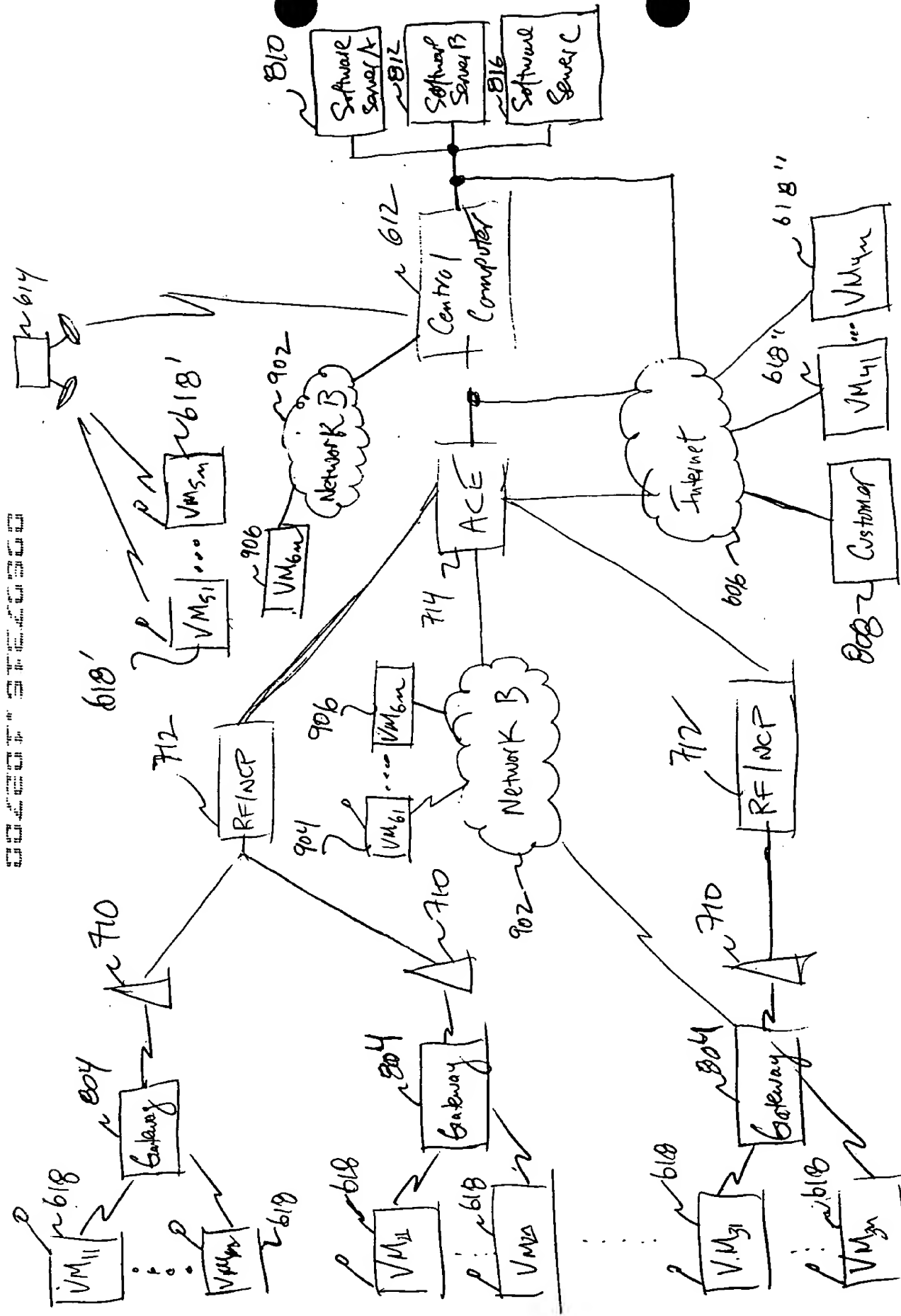


FIG. 9C

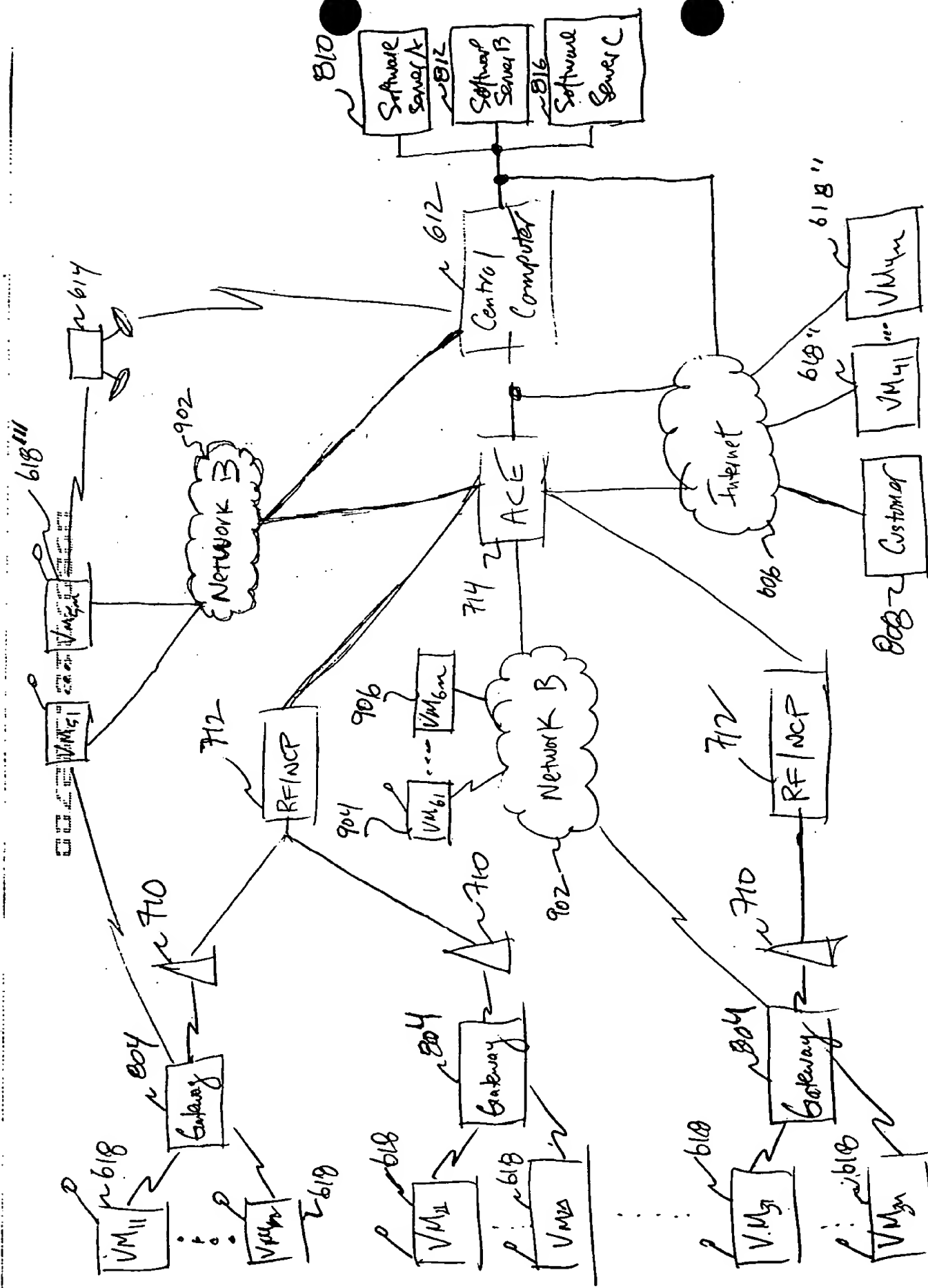
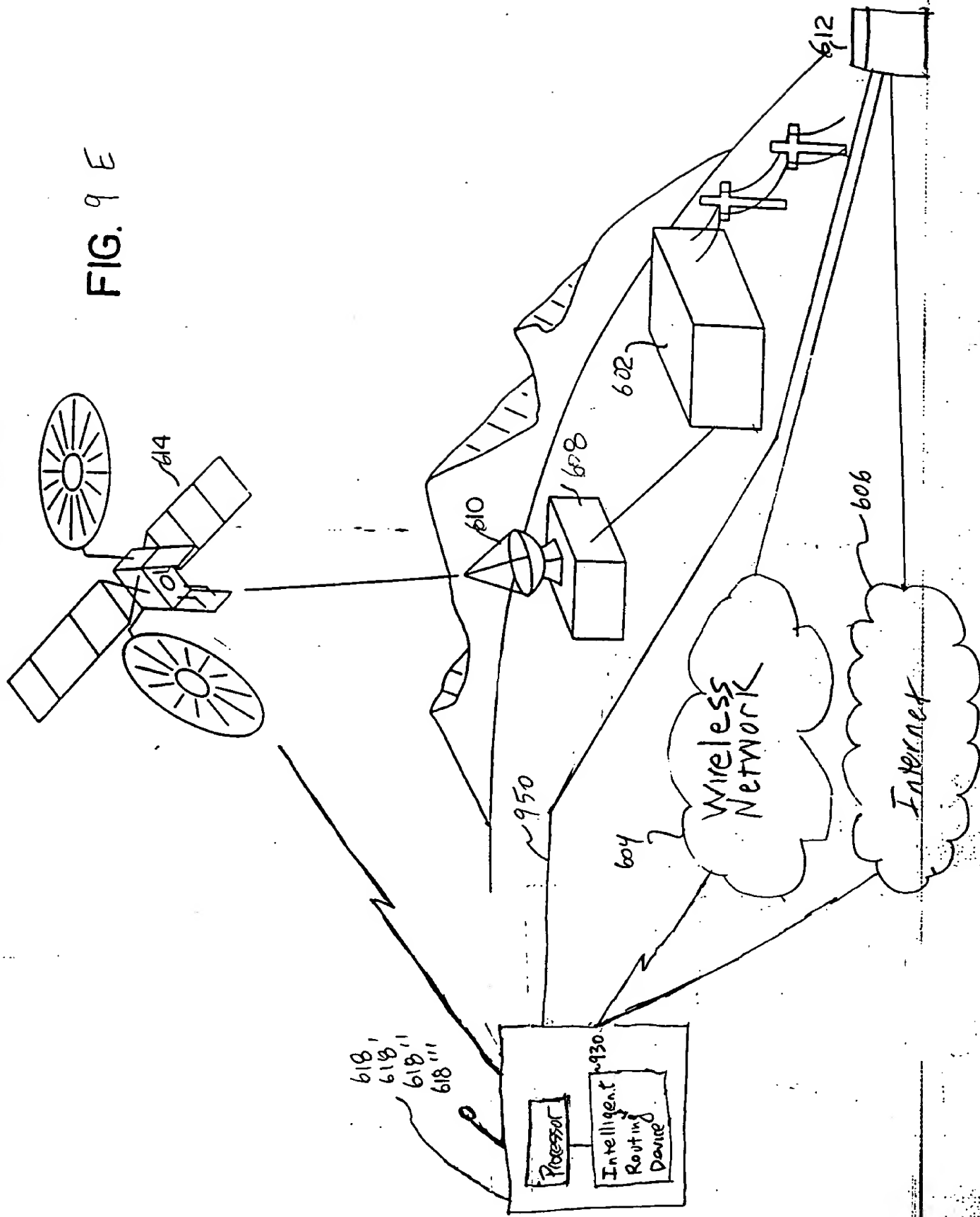


FIG. 9D

FIG. 9E



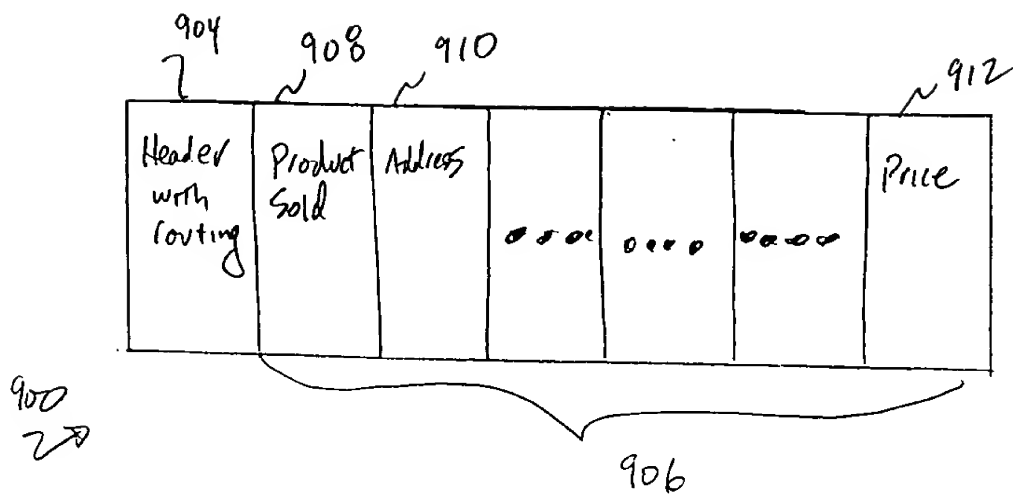


FIG. 9F

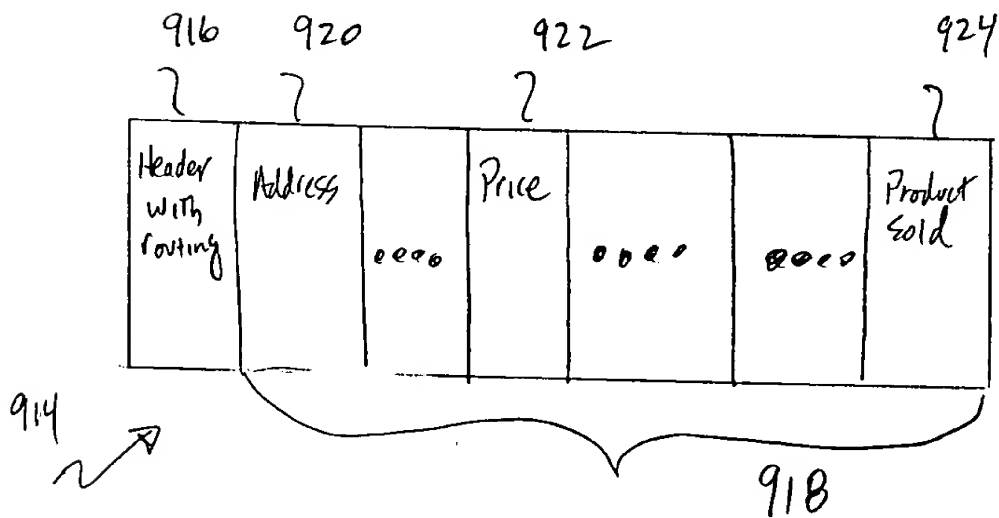


FIG. 9G

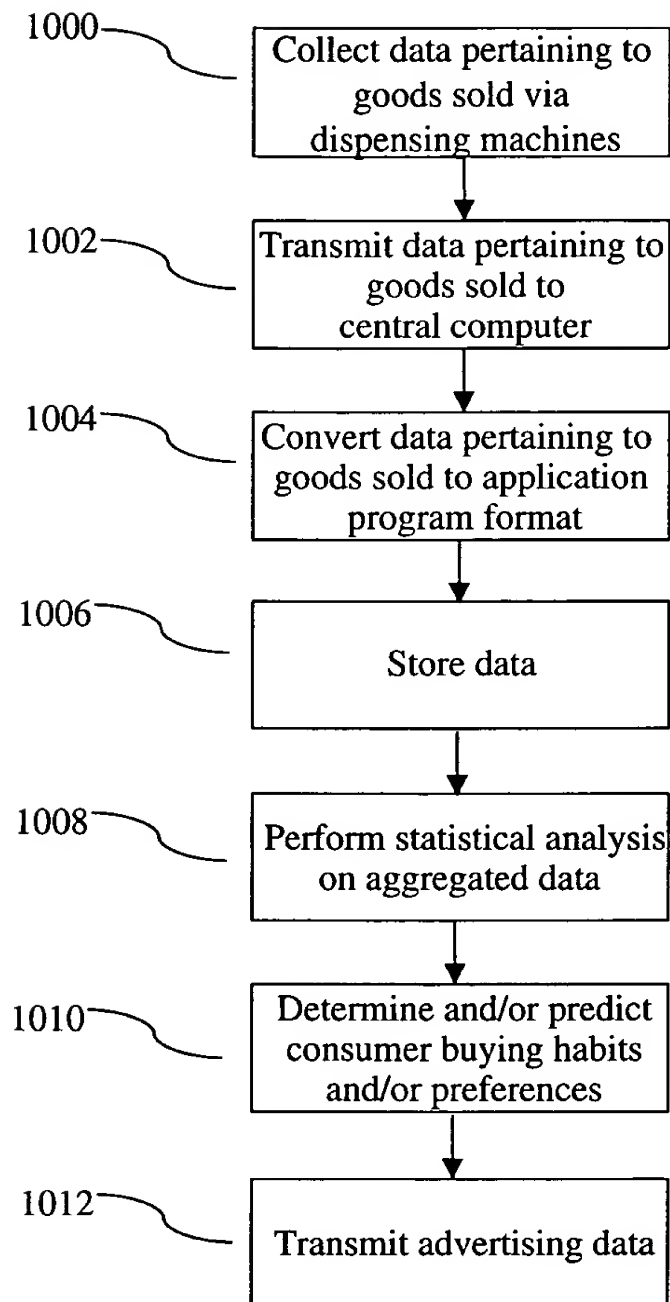


FIG. 10

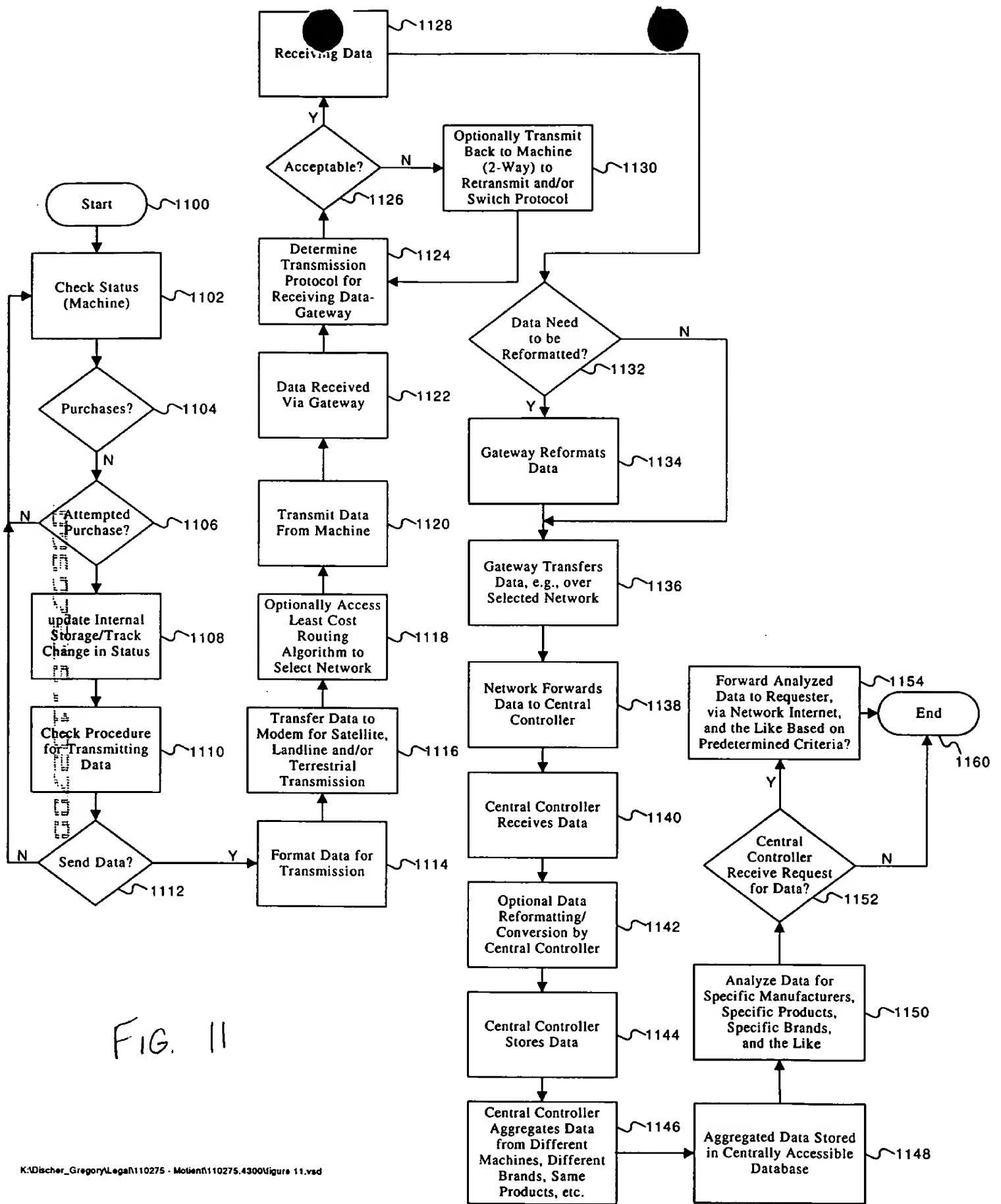


FIG. 11